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PRELIMINARY ASSESSMENT FOR THE

STANDARD OIL COMPANY REFINERY - LARAMIE

PREPARED BY: KATIE SEWELL

DATE: AUGUST 23, 1984

On May 17, 1984, Katie Sewell with the Wyoming Department of Environmental Quality (WDEQ), Solid Waste Management (SWM) and Phil Pucel with WDEQ, Water Quality Division (WQD) visited the abandoned Standard Oil Company Refinery in Laramie. A second site visit was made on August 13, 1984, accompanied by Amoco representatives John Huddle, Ed Sullivan and Tony Gogle.

The Standard Oil Company Refinery was located in northwest Laramie straddling the Laramie River and bounded on the east by the Union Pacific Railroad and on the north by Curtis Street. Midwest Refining Company built the refinery at Laramie in about 1919. Standard Oil Company built pressure stills adjacent to the refinery to process gas oil from Midwest sometime after 1919. In 1922 Standard Oil Company aquired and operated the refinery until it shut down in 1932.

There is very little evidence today of the former refinery. On the south eastern edge of the property are concrete remains of the pressure stills. Tank firewalls can still be seen in the central portion of the site. Brick and concrete debris are scattered along the bank of the Laramie River and the sump used as a reservoir at the river intake still holds water.

Some areas of concern numbered on the attached site sketch are as follows:

- 1. The former refining area located in the southwest corner of the property. The main concern here is subsurface contamination from leaking pipes, and spillage.
- 2. A sunken area containing a black oily waste mixed with bricks was seen near the river in the southwest corner of the site. There was also a trench with barrels, cans, building debris, insulating material and a little standing liquid.
- 3. An oil separator was located on an old real estate map provided by Amoco and then seen at the site. The edge is visible but it has been filled with soil and rubble.
- 4. An acid sludge sump was also identified on an old real estate map. No evidence of the sump was seen during the site visit.

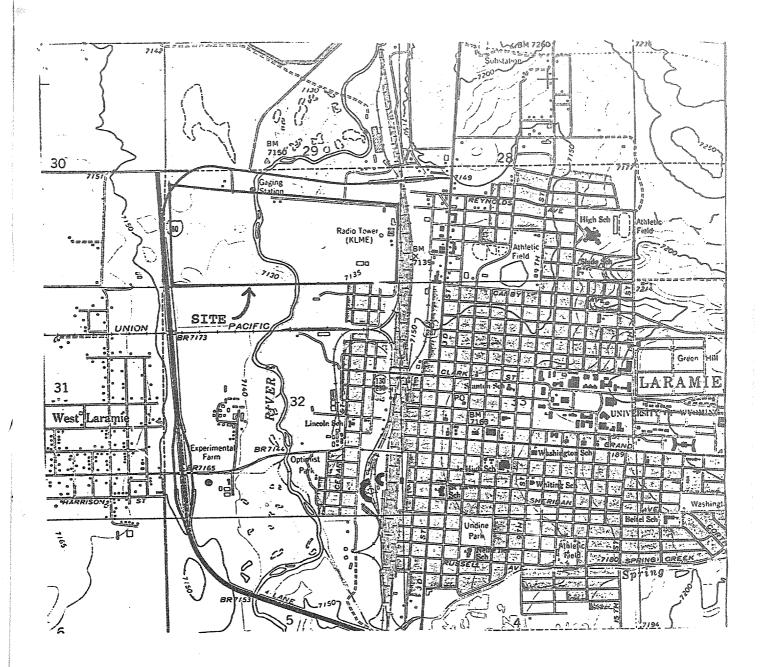
PRELIMINARY ASSESSMENT FOR STANDARD OIL COMPANY REFINERY - LARAMIE AUGUST 23, 1984
PAGE 2

- 5. Tank dikes remain in the tank storage area. A black oily waste was found inside the tank fircwalls at several locations.
- 6. A sump used to hold process water is still present on the site.
- 7. East of the sump is a disposal area located inside an old tank firewall. A variety of wastes were seen here including black sludges, white powdery material, cans, barrels, and building debris.

During the site visit on August 13, 1984, Amoco representatives agreed to install observation wells along the edge of the Laramie River and near disposal areas on the site. They will submit all proposals to the appropriate Wyoming regulatory agency and to Liz Evans with the U. S. Environmental Protection Agency and continue a site investigation as needed.

CONCLUSION

America Oil Company is proceeding to investigate contamination at the Standard Oil Company Refinery. They are working closely with the State of Wyoming and Federal agencies responsible for governing contamination and cleanup of the site. It is recommended that CERCLA activity at this site consist of reviewing planned actions and observing on-site operations when necessary.



STANDARD OIL COMPANY REFINERY

LARAMIE, WYOMING

site location map reference: USGS topo map

1" = 2000' Laramie quad

Katie Sewell August 20, 1984

POTENTIAL HAZAF PRELIMINARY				I. IDENTIFIO 01 STATE 02	
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03 CITY	04 STATE 05 2	ZIP CODE	06 TELEPHONE	[N
Laramie / Wheatland	WY		B07721-	5291	322-4511
07 OPERATOR (If known and different from owner)	5	isinėss, mailing, resid			
Amoco Oil Company	3		dolph St		
09 CITY	10 STATE 11 2	ZIP CODE	12 TELEPHONE		
Chicago	IL	50680	312856-	7826	
13 TYPE OF OWNERSHIP (Check one)	.6	~ ^ ~			2000
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☐ A. RCRA 3001 DATE RECEIVED: / / ☐ B. UNCONTROL	LED WASTE SIT	TE (CERCLA 103 c	DATE RECEIVE	D:/ MONTH DA	/ XO C. NONE
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01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Info	ermation and Part 3 -	Description of Hazar	rdous Conditions and Inc	dents)	

CC. LOW (Inspect on time available basis)

Amoco Oil Company

06 ORGANIZATION

Solid Waste

02 OF (Agency/Organization)

05 AGENCY

WDEQ

NONE
 (No further action needed, complete current disposition farm)

07 TELEPHONE NUMBER

307)777-7752

03 TELEPHONE NUMBER

812856-7826

MONTH DAY YEAR

,17, 84

08 DATE

Katie Sewell
EPA FORM 2070-12 (7-81)

John Huddle

☐ A. HIGH

01 CONTACT

VI. INFORMATION AVAILABLE FROM

04 PERSON RESPONSIBLE FOR ASSESSMENT

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\$EPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

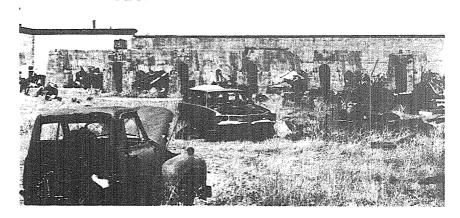
DART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

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II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)			Z
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III. TOTAL POPULATION POTENTIALLY AFFECTED:			
see narrative			
V. SOURCES OF INFORMATION (Cite specific references, e.g., state	e files, sample analysis, reports)		
John Huddle - Amoco Oil Cor WDEQ - Water Quality Divis	mpany, Chicago		

Laranie Refinery Laranie may 17, 1984 K. Sewell

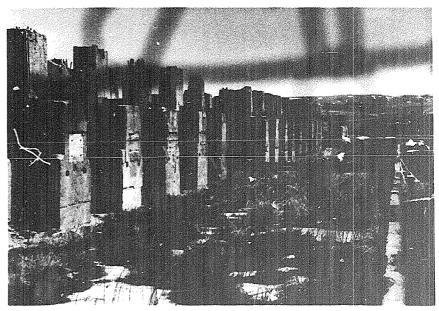
old refinery buildings



old refinery buildings

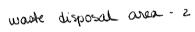


same



Laramie Refinery - Lavamie

may 17,1984 K. Sewell





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SITE / SITE ASSESSMENT

duality of the document being filmed Laramie Refinery · Laramie

may 17,1984 K. Sewell

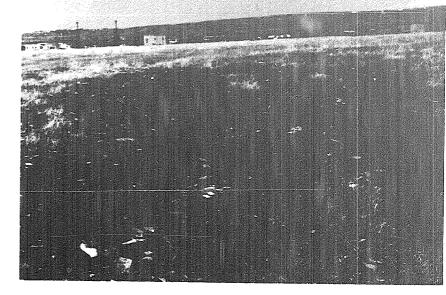
waste disposal area - 2



LARAMLE REFINERY

May 17, 1984 K. Sedrell

made disposal area · z



waste disposal trench - z



waste disposal trench - Z



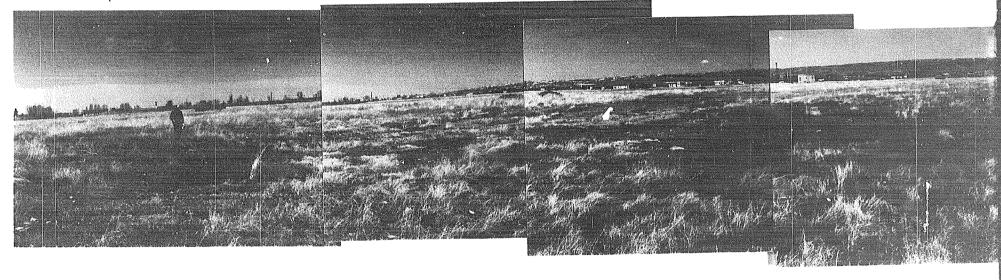


LARAMIE REFINERY - Laramie

May 17,1989 K. Sewell

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waste disposal area -2

LARAMIE REFINERY - Lavamie

may 17, 1984 K. Sewell

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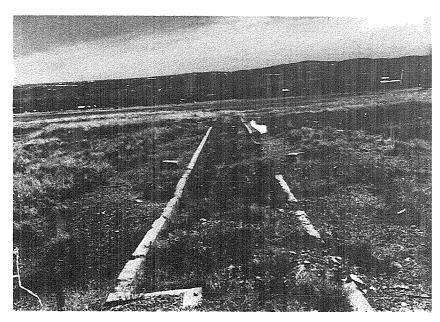


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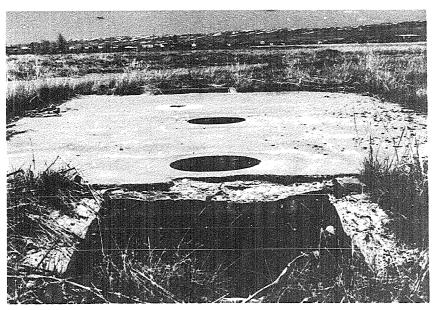
may 17, 1984 K. Sewell

LARAMIE REFINERY - Lavamie

may 17,1989 K. sewell



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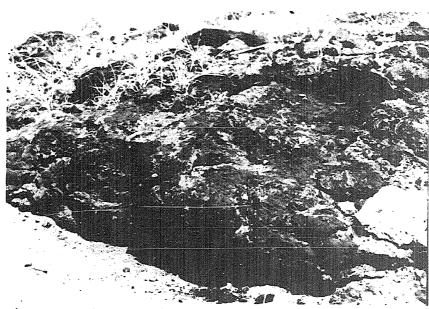
old septic tank

LARAMIE REFINERY - Laramie

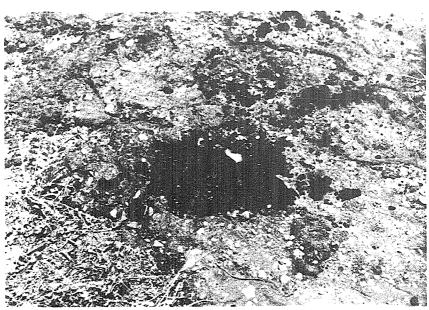
may 17, 1984 K. sewell



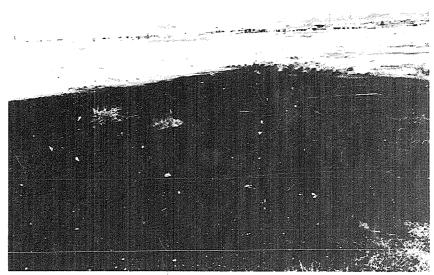
view of waste piles inside old tank fire wall



close-up or waste



close-up view of waste within old tank fire wall - vily sheen was present note:



close-up & oily waste within old tank fire wall



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view booking northeast of waste disposal area

LARAMIE REFINERY Laramie

may 17, 1984 K. Sewell



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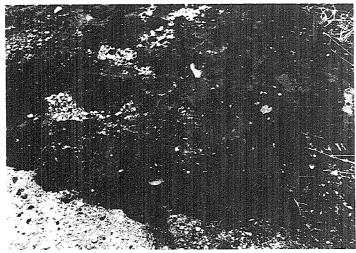
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may 17, 1984 K. Sewell

LARAMIE REFINERY - Laramie

may 17,1984 K. Sowell



waste



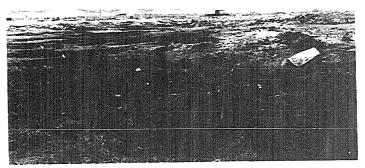
waste

LARAMIE REFINERY Laramie

may 17, 1984 K. sowell



view looking northwest of old building material disposal area



view looking east of waste disposal area

LARAMIE REFINERY - Laramie

may 17, 1989 K. sewell



view of oily material along Lavarnic River bank

